

SP G-2 Task 6

Channel Meander and
Bank Erosion



Table 6.1-1. Bank Composition.			
	BANK COMPOSITION	Linear feet (Both Banks)	Percentage
	Bedrock	5425	0.8%
	Laguna	33274	4.9%
	Modesto	22409	3.3%
	Slickens	159938	23.5%
	Tailings	65872	9.7%
	Flood Plain	96915	14.2%
	Alluvial	261098	38.4%
	Levee	35861	5.3%

Table 6.1-3		RIP-RAP			
	Outfall to Honcutt				
		Rip=Rapped Bank			
		feet	miles	river miles	percent of bank
right bank		14280	2.704545	14.7	18.40%
left bank		6480	1.227273	14.7	8.35%
	Honcutt to Sunset Pumps				
right bank		3500	0.662879	5.2	12.75%
left bank		6860	1.299242	5.2	24.99%
	Sunset Pumps to Yuba city				
right bank		7250	1.373106	11	12.48%
left bank		250	0.047348	11	0.43%
	Yuba City to Verona				
right bank		7435	1.408144	28	5.03%
left bank		18310	3.467803	28	12.39%
right bank					
left bank					
sum		64365	12.19034	117.8	10.35%

Table 6.1-5. Erosion Site Summary Oroville to Yuba City						
					Max. width of erosion (ft)	Rate of Max. erosion (ft/year)
	Erosion Site Analysis at Site 28.6				pre-dam	
					705.3	12.1
					post-dam	
					363.5	11.4
	Erosion Site Analysis at Site 33.5				pre-dam	
					224.7	3.9
					post-dam	
					97.0	3.1
	Erosion Site Analysis at Site 34.0				pre-dam	
					482.2	8.3
					post-dam	
					743.1	23.4
	Erosion Site Analysis at Site 34.5				pre-dam	
					1,019.9	17.5
					post-dam	
					682.1	21.5
	Erosion Site Analysis at Site 35.0				pre-dam	
					1,087.6	18.7
					post-dam	
					277.6	8.7
	Erosion Site Analysis at Site 44.0				pre-dam	
					532.8	9.1
					post-dam	
					532.5	16.8
	Erosion Site Analysis at Site 44.4				pre-dam	
					319.8	5.5
					post-dam	
					343.9	10.8
	Erosion Site Analysis at Site 45.0				pre-dam	
					455.3	7.8
					post-dam	
					420.2	13.2
	Erosion Site Analysis at Site 46.4				pre-dam	
					636.9	10.9
					post-dam	
					618.7	19.5
	Erosion Site Analysis at Site 52.3				pre-dam	
					566.8	9.7
					post-dam	
					513.6	16.2

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